

77

FORM PTO-1449
(REV. 7-85)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
HA719f
APPLICATION NO.
herewith
APPLICANT
MURUGESAN ET AL.
FILING DATE
herewith

Group
1624

JC714 U.S. PTO
09/737201



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
VR	AA	5,256,654	10/26/93	Ellinboe et al.			
	AB	5,250,548	10/5/93	Winn et al.			
	AC	5,147,040	10/20/92	Greenlee et al.			
	AD	5,196,444	3/23/93	Naka et al.			
	AE	5,198,439	3/30/93	Roberts et al.			
	AF	5,210,079	5/11/93	Carini et al.			
	AG	5,210,206	5/11/93	Morton et al.			
	AH	5,223,499	6/29/93	Greenlee et al.			
	AI	5,157,026	10/20/92	Chakravarty et al.			
	AJ	5,270,317	12/14/93	Bernhart et al.			
	AK	5,284,954	2/8/94	Wittenberger et al.			
	AL	5,130,318	7/14/92	Roberts et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
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VR	AM	DE19738578A1	3/11/99	German			<input type="checkbox"/>	<input type="checkbox"/>
	AN	DE19742717A1	4/1/99	German			<input type="checkbox"/>	<input type="checkbox"/>
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	AQ	0634175A1	1/18/95	Europe			<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

VR	AR	Murugesan et al., J. Med. Chem., (1998), 41, pp. 5198 - 5218
	AS	Chan et al., Bioorganic & Medicinal Chemistry 6 (1998), pp. 2301 - 2316
	AT	Dascal et al., FEBS Letters 423 (1998) pp. 15 - 18.

EXAMINER

Rajesh K. Singh

DATE CONSIDERED

12/6/02

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
VR	AA	5,138,069	8/11/92	Carini et al.			
	AB	5,149,699	9/12/92	Ellingboe et al.			
	AC	5,153,197	10/6/92	Carini et al.			
	AD	5,155,117	10/13/92	Reitz			
	AE	5,155,118	10/13/92	Carini et al.			
	AF	6,080,774	6/27/00	Murugesan et al.			
	AG	5,102,880	4/7/92	Chakravarty et al.			
	AH	5,126,342	6/30/92	Chakravarty et al.			
	AI	5,128,355	7/7/92	Carini et al.			
	AJ	5,674,883	10/7/97	Fortin et al.			
	AK	5,696,116	12/9/97	Clozel et al.			
	AL	5,290,780	3/1/94	Venkatesan et al.			

FOREIGN PATENT DOCUMENTS

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VR	AM	EP0539086B1	4/28/93	Europe			<input type="checkbox"/>	<input type="checkbox"/>
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	AO	EP0324377B1	7/19/89	Europe			<input type="checkbox"/>	<input type="checkbox"/>
	AP	0400974A3	12/5/90	Europe			<input type="checkbox"/>	<input type="checkbox"/>
	AQ	0453210A2	10/23/91	Europe			<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

VR	AR	Morlock et al., Bioorganic & Medicinal Chemistry Letters, Vol. 7., No. 11, pp. 1399 - 1402 (1997)
VR	AS	Chan et al., Bioorganic & Medicinal Chemistry Letters, Vol. 6, No. 20, pp. 2393 - 2398 (1996)
VR	AT	Walsh et al. Bioorganic & Medicinal Chemistry Letters, Vol. 5, No. 11, pp. 1155 - 1158 (1995)
EXAMINER		DATE CONSIDERED

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
VR	AA	5,328,919	7/12/94	Naka et al.			
	AB	5,399,566	3/21/95	Katano et al.			
	AC	5,352,788	10/4/94	Bernhart et al.			
	AD	5,399,578	3/21/95	Buhlmayer et al.			
	AE	5,401,764	3/28/95	Naka et al.			
	AF	5,405,849	4/11/95	Venkatesan et al.			
	AG	5,409,947	4/25/95	Tomiyama et al.			
	AH	5,424,450	6/13/95	Boswell et al.			
	AI	5,444,071	8/22/95	Roberts et al.			
	AJ	5,498,776	3/12/96	Ellingboe et al.			
	AK	5,512,681	4/30/96	Boswell et al.			
	AL	5,514,696	5/7/96	Murugesan et al			

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	AP	EP0768305A1	4/16/97	Europe			<input type="checkbox"/>	<input type="checkbox"/>
	AQ	EP0475206A2	3/18/92	Europe			<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

VR	AR	Ashton et al., J. Med. Chem. (1994), 37, pp. 2808 - 2824
VR	AS	Wexler et al., Journal of Medicinal Chemistry, Vol. 39, 3, (1996) pp. 625 - 656
VR	AT	Webb et al, Medicinal Research Reviews, Vol. 17, No. 1, pp. 17 - 67 (1997)
EXAMINER		DATE CONSIDERED

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Sheet 4 of 7

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1624

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
VR	AA	5,559,233	9/24/96	Bernhart et al.			
	AB	5,563,139	10/8/96	Reitz			
	AC	5,612,359	3/18/97	Murugesan			
	AD	5,668,137	9/16/97	Philips et al.			
	AE	5,703,110	12/30/97	Naka et al.			
	AF	5,705,517	1/6/98	Naka et al.			
	AG	5,760,038	6/2/98	Murugesan et al.			
	AH	5,780,473	7/14/98	Murugesan et al.			
	AI	5,846,985	12/8/98	Murugesan			
	AJ	5,965,732	10/12/99	Hunt			
	AK	5,668,137	9/16/97	Phillips et al.			
	AL	5,856,507	1/5/99	Polniaszek et al.			

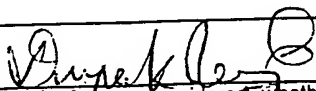
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	AO	WO94/27979	12/8/94	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AP	WO97/33886	9/18/97	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AQ	WO94/07872	4/14/94	PCT			<input type="checkbox"/>	<input type="checkbox"/>

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Sheet 5 of 7

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
OR	AA	5,861,401	1/19/99	Bradbury			
	AB	5,939,446	8/17/99	Murugesan et al.			
	AC	5,962,491	10/5/99	Naka et al.			
	AD	5,965,592	10/12/99	Buhlmayer et al.			
	AE	6,004,989	12/21/99	Naka et al.			
	AF	6,043,265	3/28/00	Murugesan et al.			
	AG	5,602,153	2/11/97	Reitz			
	AH	5,571,821	11/6/96	Chan et al.			
	AI	5,332,744	7/26/94	Chakravarty et al.			
	AJ	5,354,867	10/11/94	Carini et al.			
	AK	5,411,980	5/2/95	Aston et al.			
	AL	5,846,990	12/8/98	Murugesan			

FOREIGN PATENT DOCUMENTS

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	AQ	WO93/04046	3/4/93	PCT			<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

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Dupak b-j

DATE CONSIDERED

12/6/02

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Group 1624

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
DR	AA	5,378,715	1/3/95	Stein et al.			
	AB	5,827,869	10/27/98	Murugesan			
	AC	5,916,907	6/29/99	Bird			
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FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

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EXAMINER

Dupak Rang

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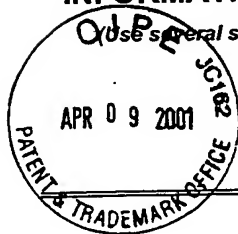
Sheet 1 of 1

FORM PTO-1449
(REV. 7-85)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOC NO.
HA719f CIP
APPLICATION NO.
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MURUGESAN ET AL.
FILING DATE
DECEMBER 14, 2000

Group 1624

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS

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AM	2 264 710 A	8/9/93	Great Britain			<input type="checkbox"/> <input type="checkbox"/>
AN						<input type="checkbox"/> <input type="checkbox"/>
AO						<input type="checkbox"/> <input type="checkbox"/>
AP						<input type="checkbox"/> <input type="checkbox"/>
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

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(REV. 7-85)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION

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ATTY. DOCKET NO.
HA7191 CIP
APPLICATION NO.
09/737,201
APPLICANT
MURUGESAN ET AL.
FILING DATE
DECEMBER 14, 2000

Sheet 1 of 1

TECH CENTRAL Group 1624



U.S. PATENT DOCUMENTS

INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
VR	AA	5,260,328	11/9/93	Doria et al.			
VR	AB	5,554,625	9/10/96	Rivero et al			
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FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

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EXAMINER	Duyek Bay B	
	DATE CONSIDERED	12/6/02

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AUG 14 2001
Group 1624

TECH CENTER 1600/2900

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
VR	AA	4,880,804	11/14/89	Carini et al.			
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FOREIGN PATENT DOCUMENTS

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VR	AM	EP 0400974A	5/12/90	Europe			<input type="checkbox"/>	<input type="checkbox"/>
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

VR	AP	Larsen et al, "Efficient Synthesis of Losartan, a Nonpeptide Angiotensin II Receptor Antagonist," Jnl of Org Chem., vol.59, no.21, 1994, pp 6391-6394
VR	AQ	Rivero et al., "L-162, 389; a potent orally active angiotensin II receptor antagonist with balanced affinity to both AT1 and AT2 receptor subtypes," Biorg & Med Chem Ltrs., vol. 6 no. 3, 1996, pp 307-310
VR	AR	Weidmann, et al., "2-(2-Pyridylmethyl) sulfinyl]-1H-thien[3,4-d]imidazoles. A Novel Class of gastric H+/K+ ATPase Inhibitors", J. Med. Chem., vol 35, no.3, 1992 pp 438-450
VR	AS	Quan, et al., "Balanced AT1/AT2 Receptor Antagonists. 4.1,2 XR510 and Related 5-(3-Amidopropanoyl)imidazoles Possessing Equal Affinity for the AT1 and AT2 Receptors", J. Med. Chem., vol 38, no. 15, 1995, pp 2938-2945

EXAMINER

Duyek [Signature]

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FEB 04 2002
Group 1604

TECH CENTER 1600/2900

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
VR	AA	US5,240,928	8/31/93	Allen, et al.			
VR	AB	US5,371,226	12/6/94	Mederski			
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

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EXAMINER

Murugesan

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Sheet 1 of 1

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
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*	✓	AO RU 96115359	10/12/98	RUSSIA			<input type="checkbox"/>	<input type="checkbox"/>
		AP					<input type="checkbox"/>	<input type="checkbox"/>
		AQ					<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

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EXAMINER	Duyek Perz B	
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